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(21) International Application Number: PCT/FI99/00413 (22) International Filing Date: 12 May 1999 (12.05.99) (30) Priority Data: 981065 13 May 1998 (13.05.98) FI (71) Applicant (for all designated States except US): NOKIA NETWORKS OY [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). (72) Inventors; and (75) Inventors/Applicants (for US only): MUHONEN, Ahti [FI/FI]; Itälahdenkatu 5 B 37, FIN-00210 Helsinki (FI). HAU-MONT, Serge [FR/FI]; Riistavuorenkuja 3 B 10, FIN-00320 Helsinki (FI). ROOKE, Michael [GB/FI]; Kyyhkysmäki 4 D 32, FIN-02600 Espoo (FI). (74) Agent: KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).		(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).	

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(54) Title: POINT-TO-MULTIPOINT TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM

(57) Abstract

A method, a system and a network element for controlling the transmission of a message to be transmitted point-to-multipoint in a mobile communication system. In order to take the topicality of the content of the message to be transmitted point-to-multipoint into account, a life time is determined for the message in the method and the message waiting to be transmitted is deleted from the buffer (210) in response to the expiry of the life time.

